

ABSTRACT

In one embodiment of the present invention, a receiver can only properly receive signals that were intended for the receiver because the data descrambling depends on the identity of the receiver. In one embodiment, the invention is a communication device including a data source containing data to be transmitted to a remote radio, and a randomizer to scramble the data using an identifier related to the remote radio. In one embodiment, at least a part of the identifier related to the remote radio is used as at least part of a seed of the randomizer.